

ABSTRACT OF THE DISCLOSURE

An elevator system includes an inspection device that provides information regarding a condition of the elevator rope or belt. The inspection device preferably is positioned to inspect an entire portion of the rope or belt that is most likely to wear as the elevator cab travels between chosen locations. In some situations, the inspection device is at a fixed position within an elevator hoistway. In other situations, the inspection device is supported for movement relative to other elevator system components. In one example, the inspection device is supported on the cab and moves with the cab through the hoistway. A variety of factors are considered for determining the portion of the rope or belt that is most likely to wear and the ideal placement of the inspection device relative to the other elevator system components.

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